

Figure 1.

The Cholesterol, Fatty Acid and Phospholipid Pathways: Regulation by Sterol Regulatory Element Binding Proteins (SREBPs)

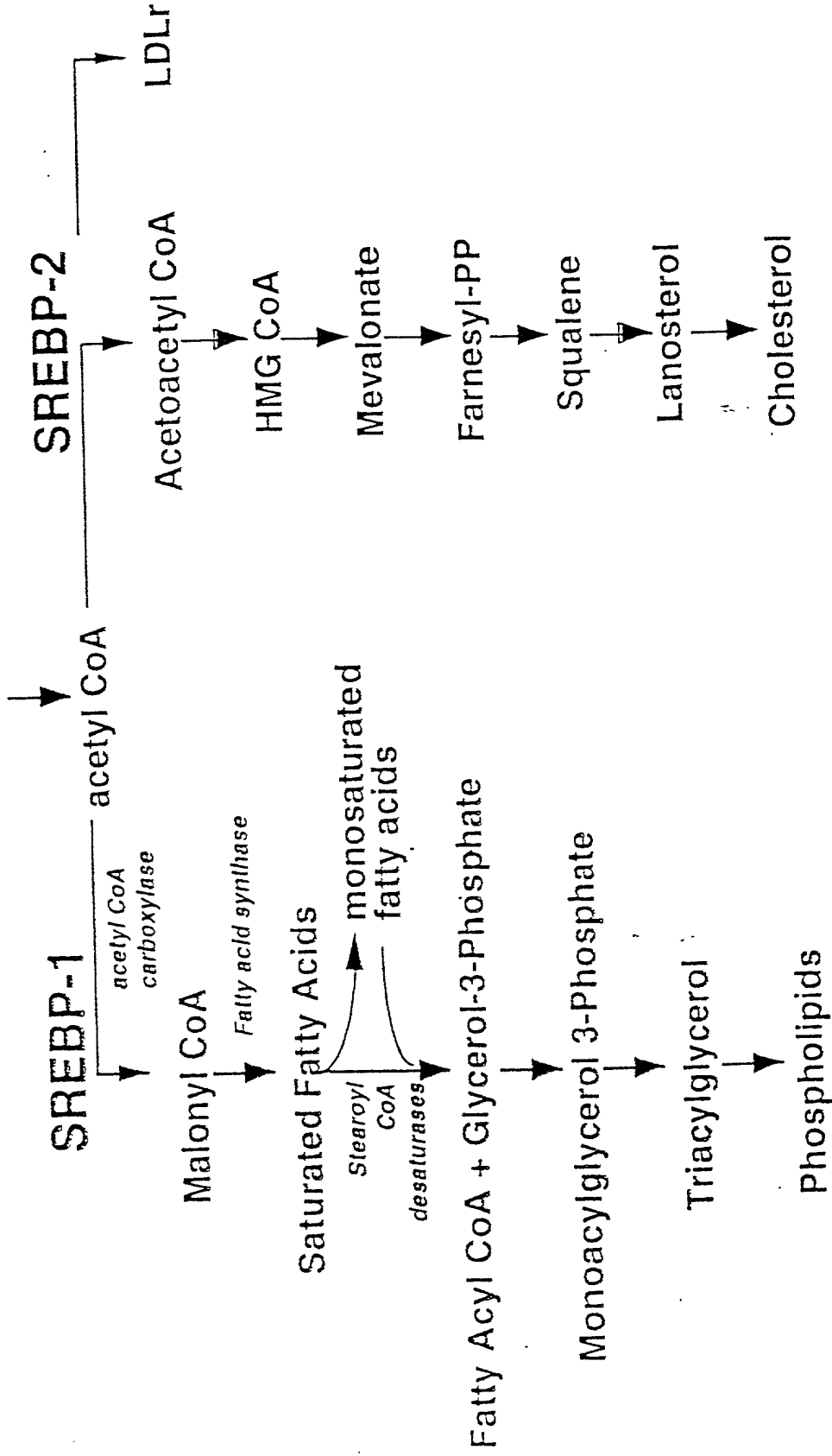


Figure 3

FOCUS 06634360

24,25 epoxy-cholesterol activates SREBP1 in different cell lines

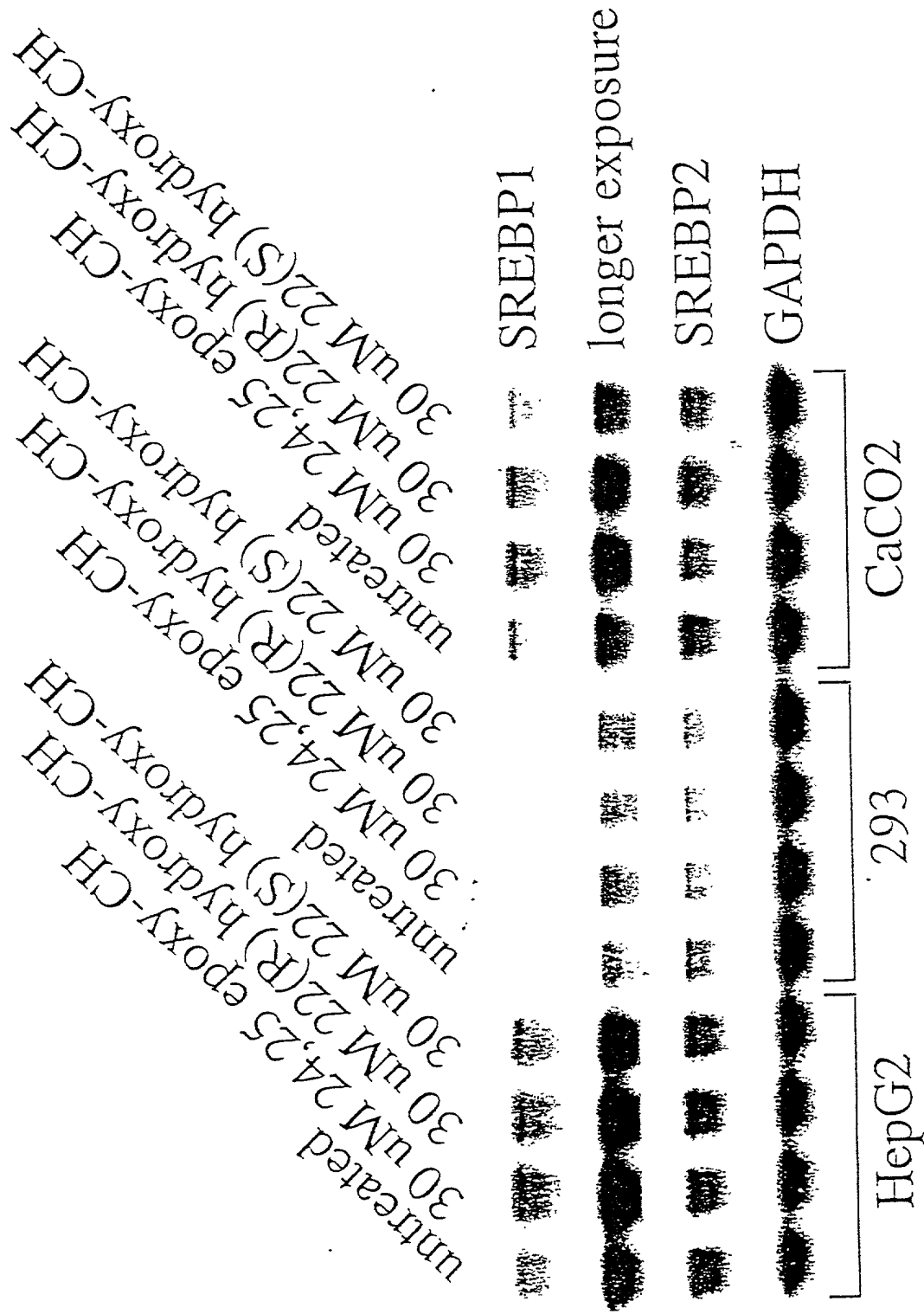


Figure 4

4.03.03.00.06.04.00.00

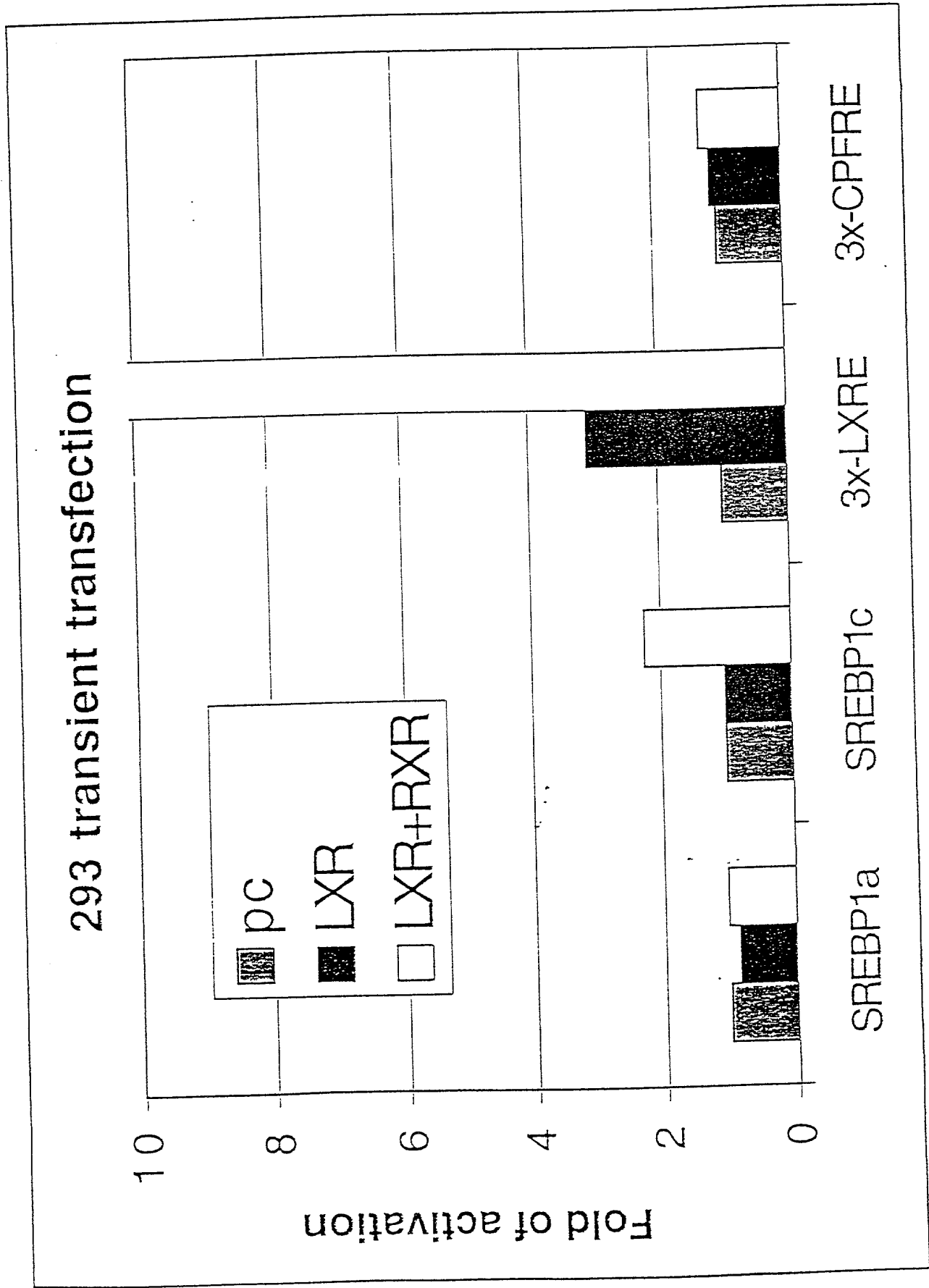


Figure 5
 "LXRE" motif

LXR sites on SREBP1

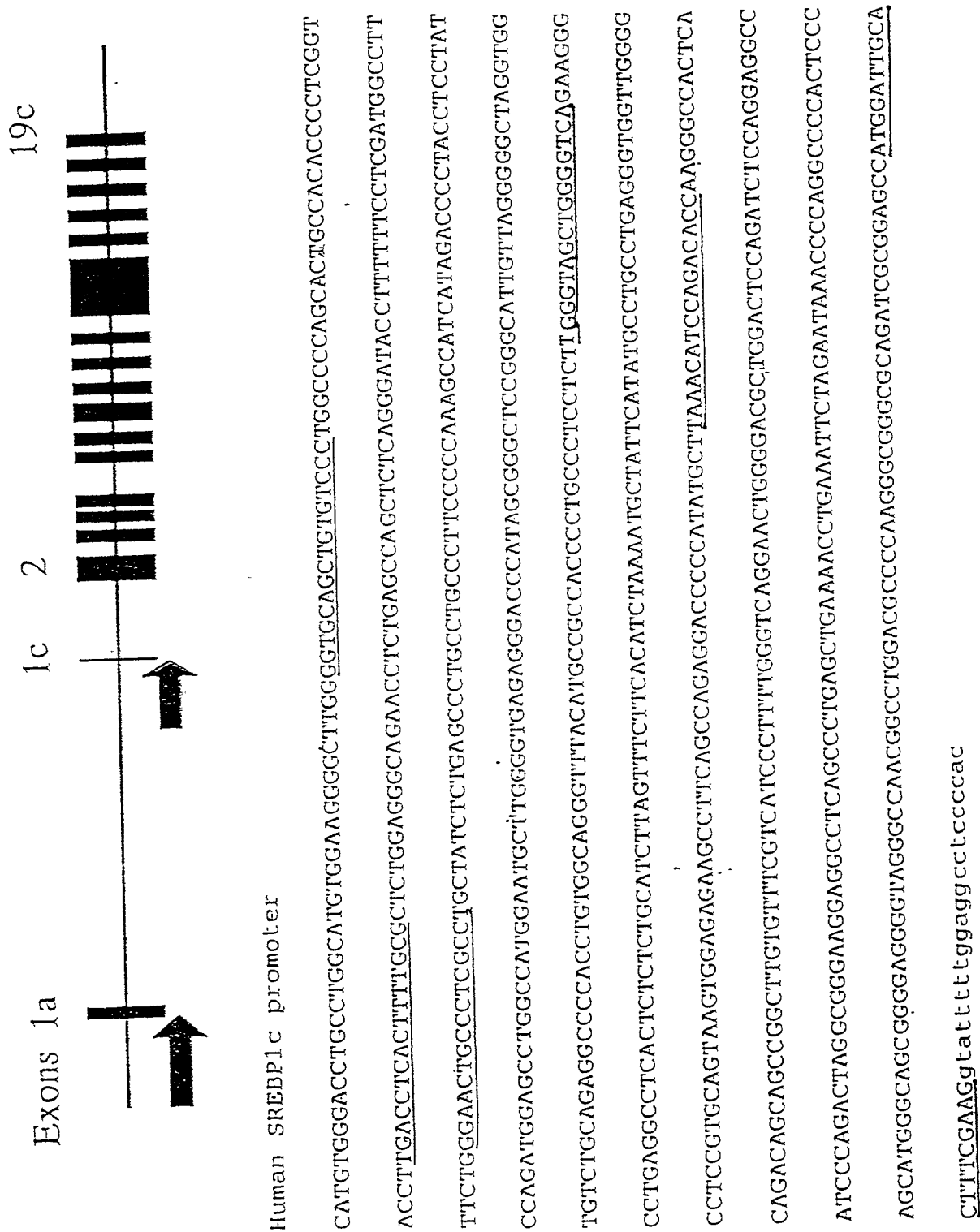


Figure 6

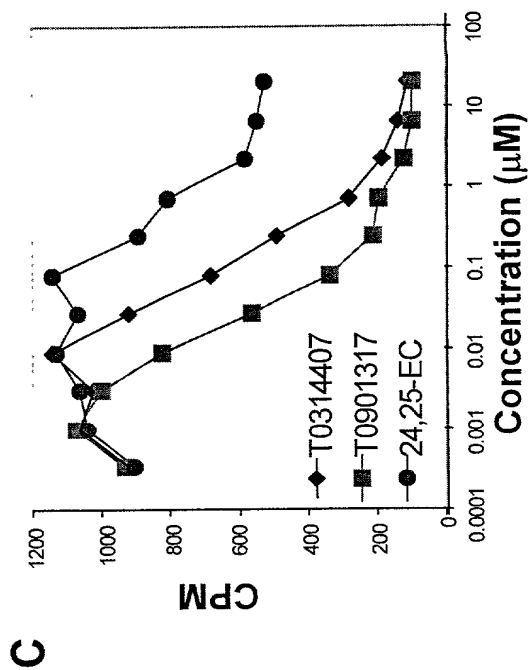
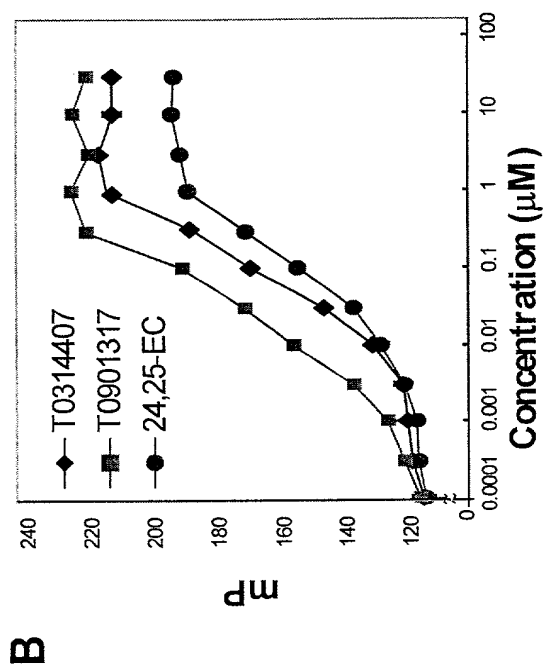
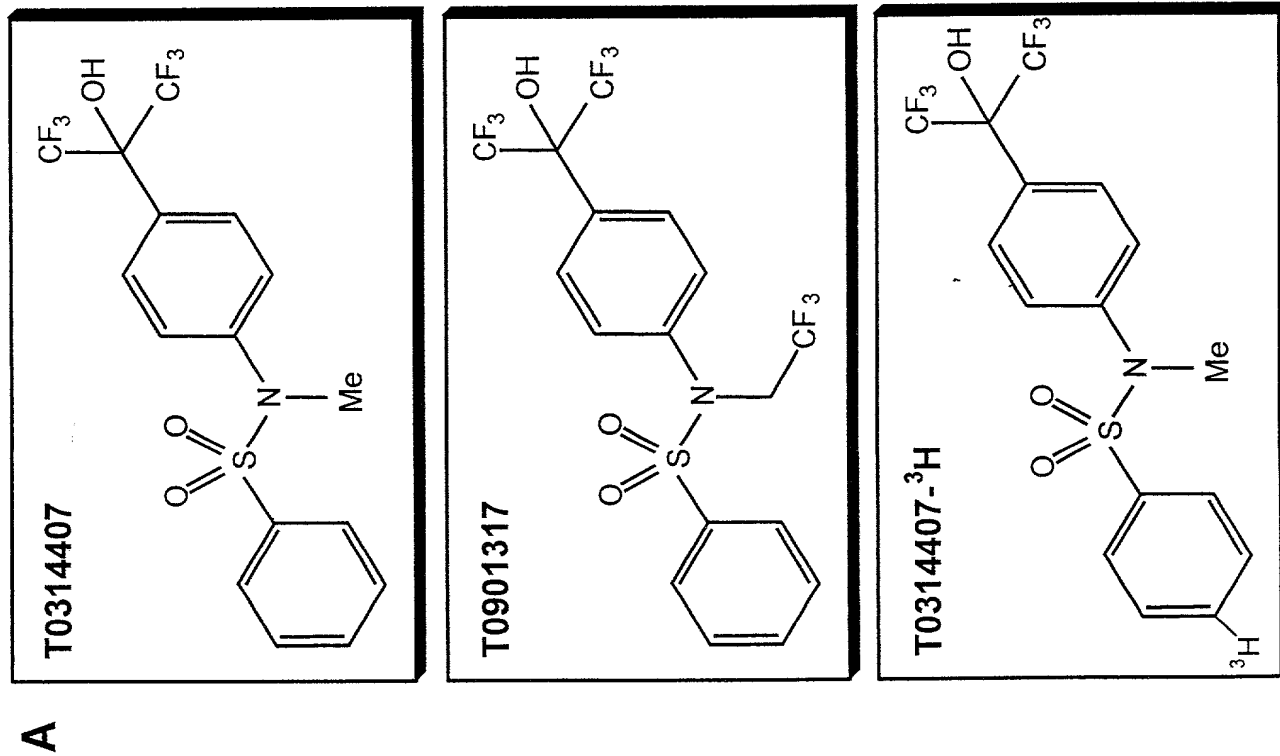
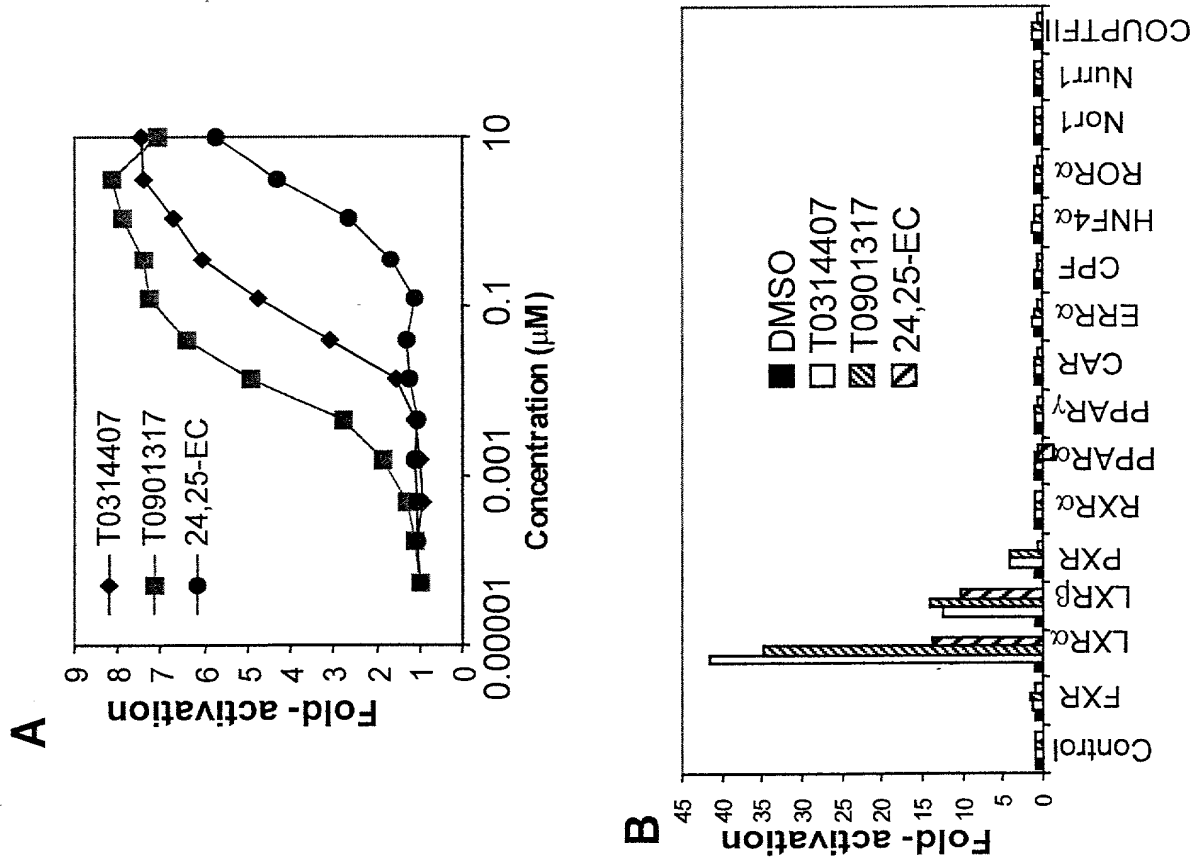


Figure 7



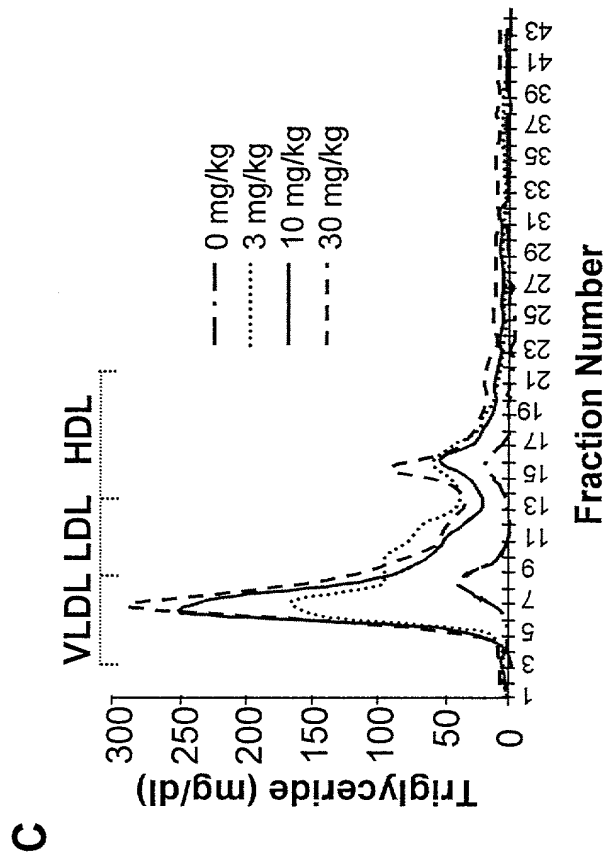
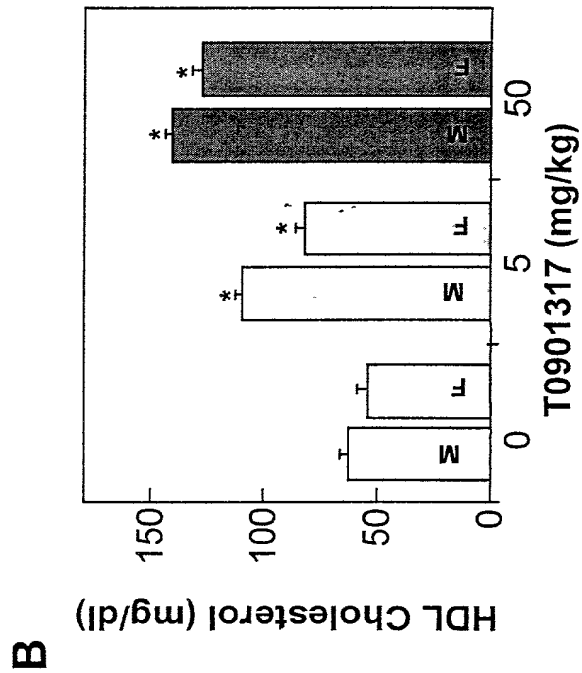
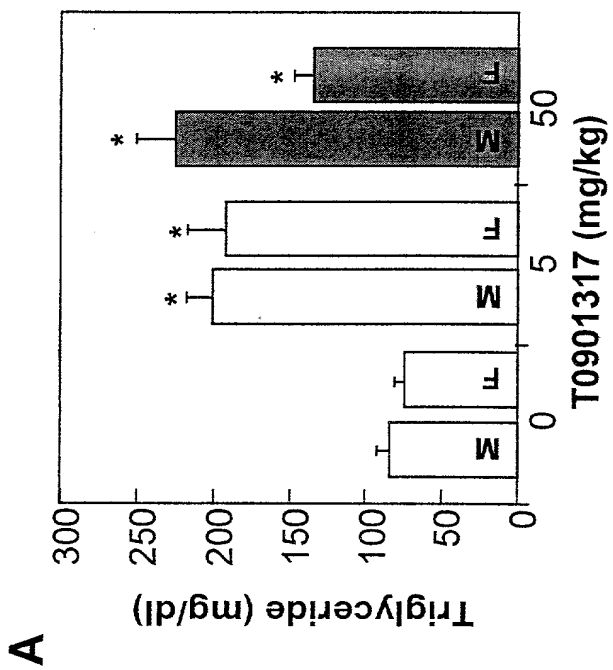
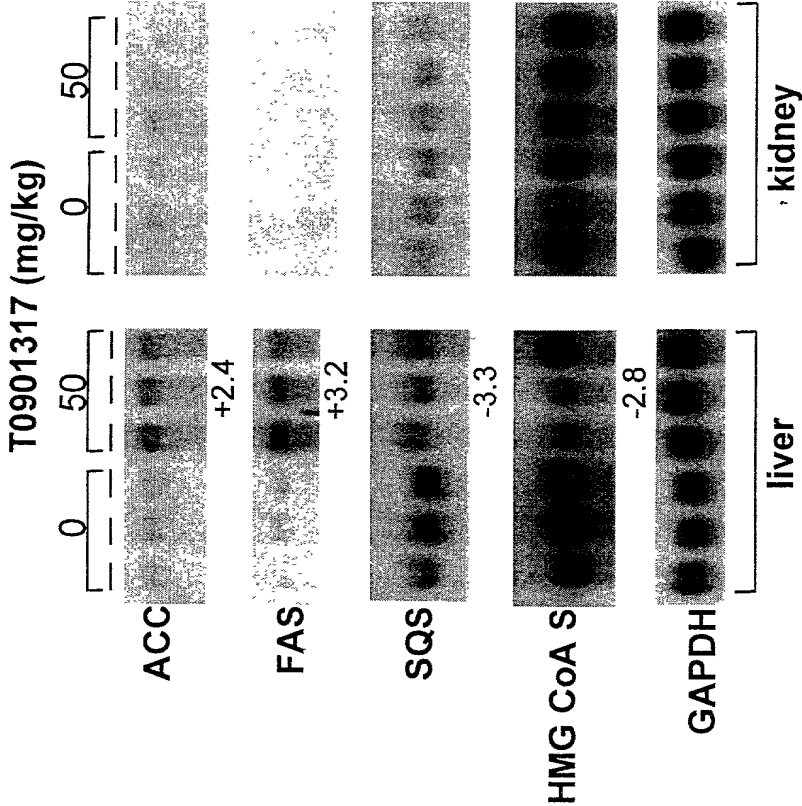


Figure 9
Page 1 of 2

A



B

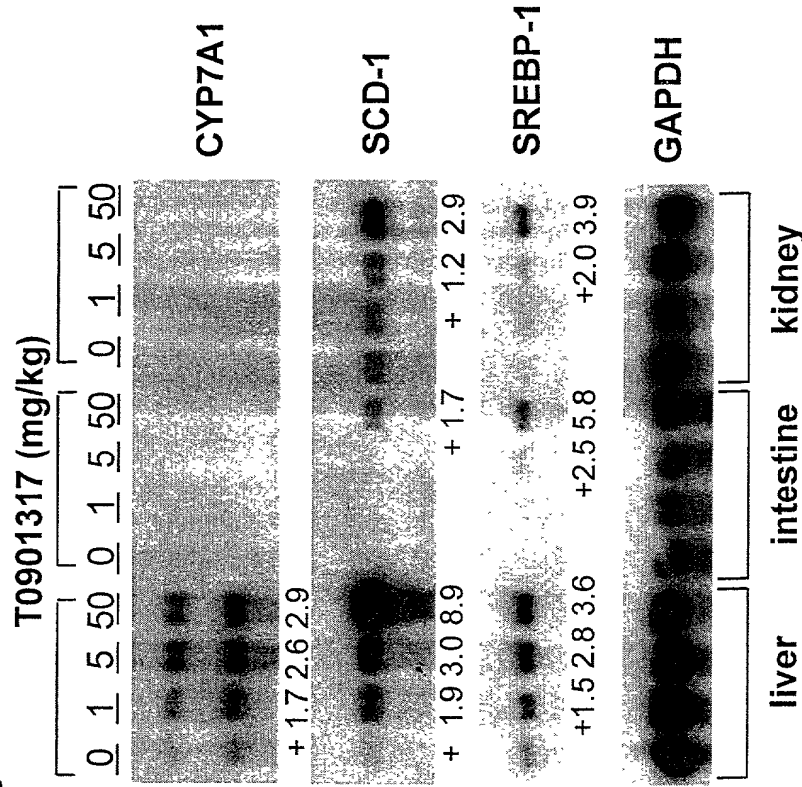


Figure 9
Page 2 of 2

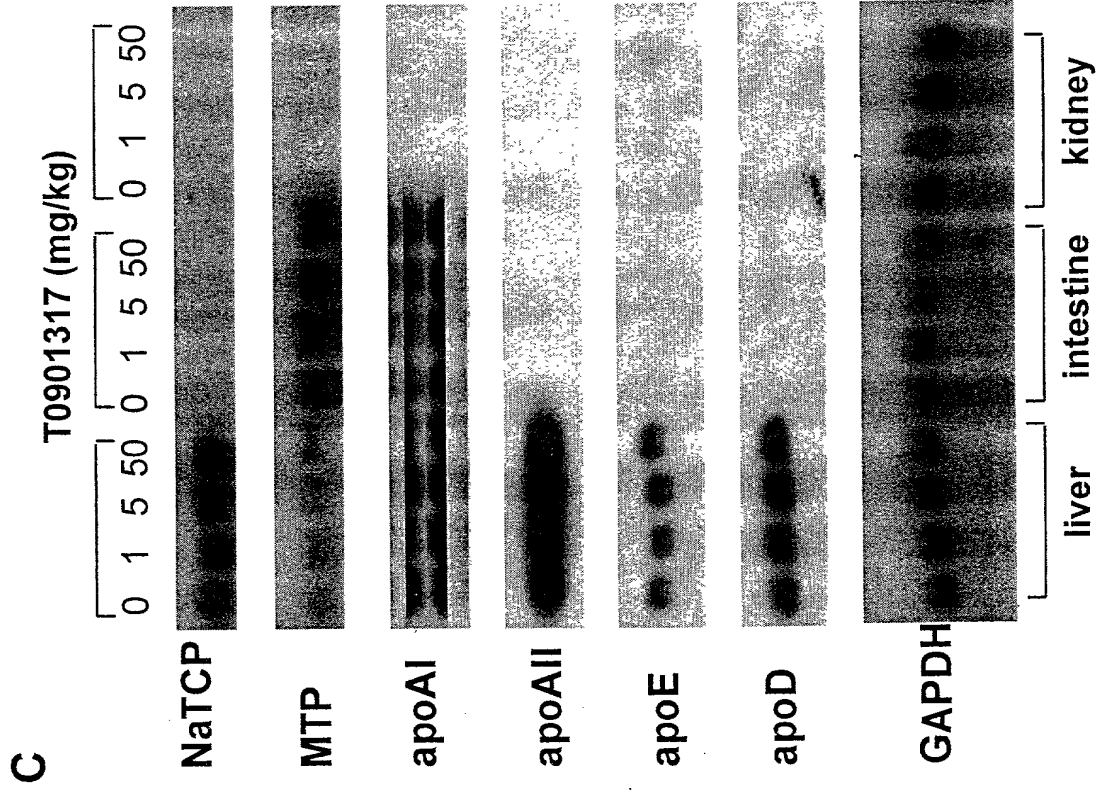
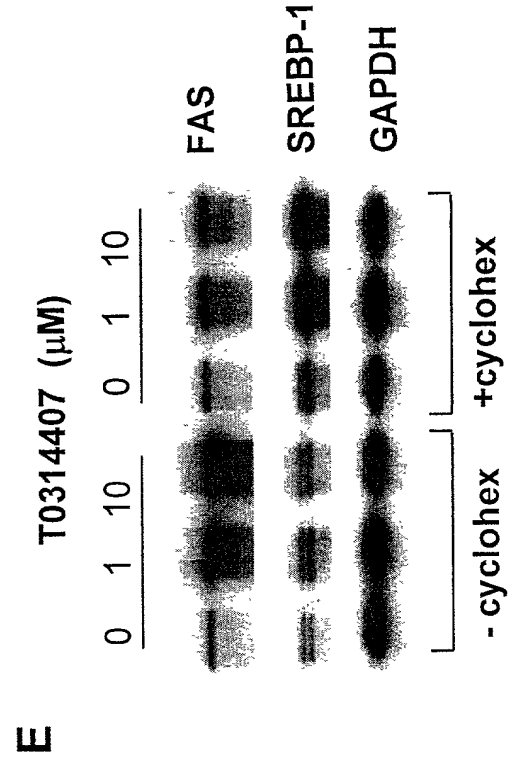
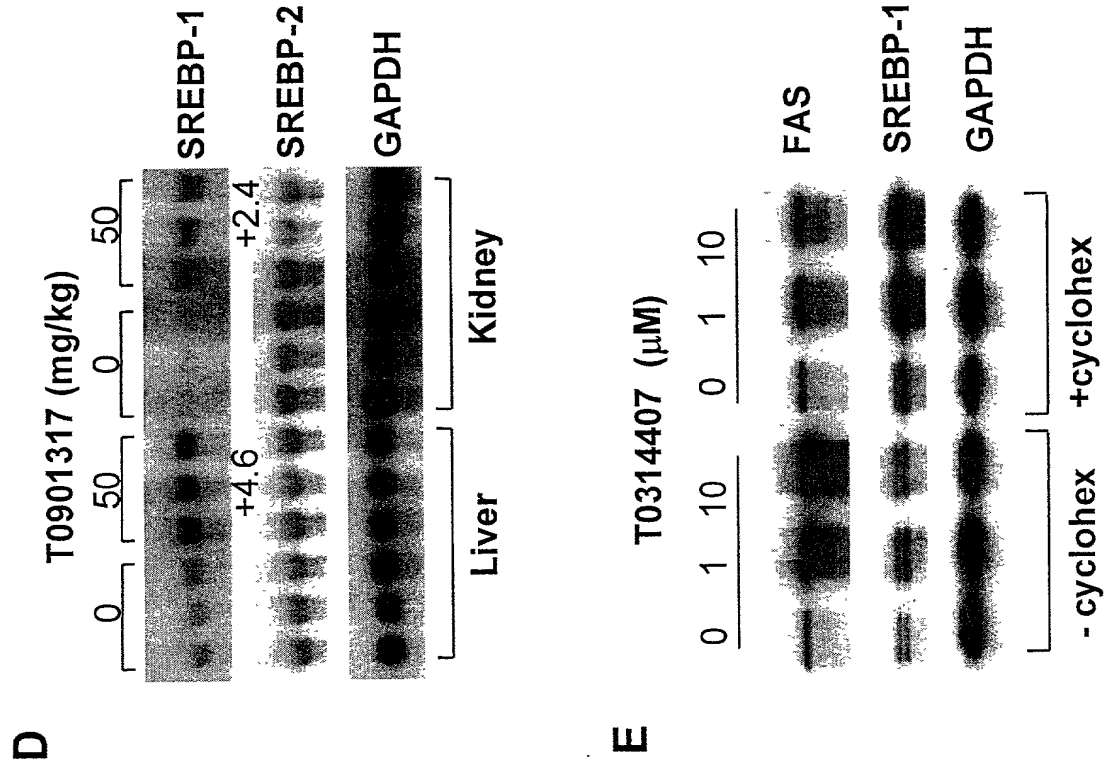


Figure 10

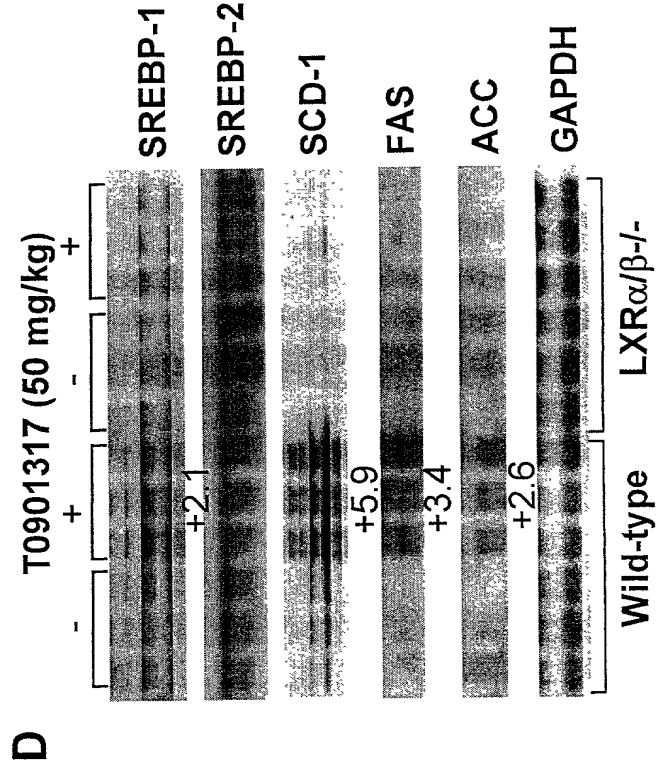
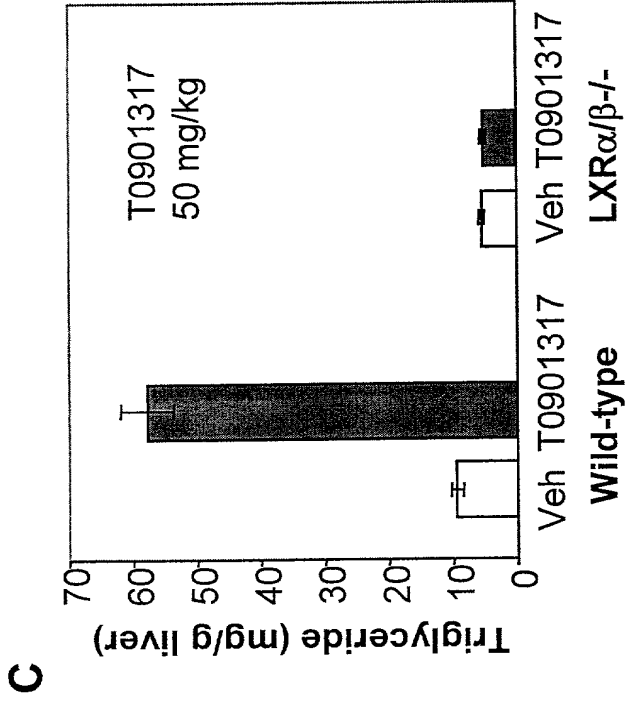
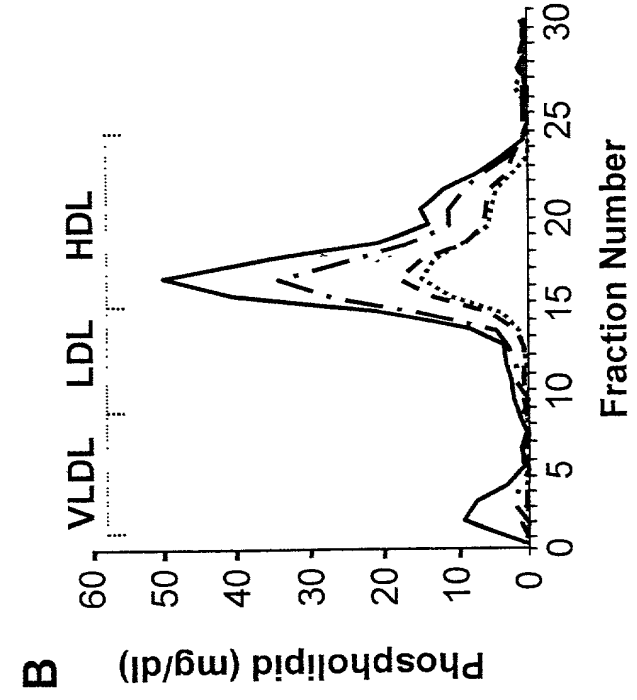
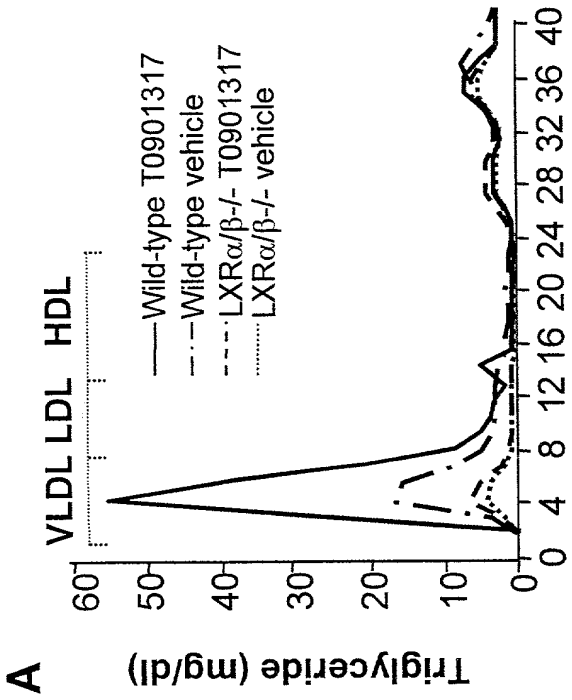


Figure 11

Supplementary Table I. The sequence of PCR primers used for amplifying mouse cDNA probes

cDNA Probe	Primer Set	Primer Sequence	PCR Product Length
acetyl CoA carboxylase	5'	TACCTGTGGACAGCAACCA	521
	3'	TGGTCGACAGCAAGGGAA	
fatty acid synthase	5'	CCCGATGGGGTTTCATC	493
	3'	GATCCCTCTGGGTGTCCTC	
squalene synthase	5'	CGTGCAGTCTTGAATGAACT	288
	3'	TTGGGGATCCGGTGATAAAT	
HMG CoA synthase	5'	CCCAGCAGAGGTTTTCTACAA	1285
	3'	AATTCCTCAGGGGACATGC	
SREBP-1	5'	TCA ACAACCAAGACAGTGACTTCCCTGGCC	1028
	3'	GTTCTCCTGCTTGAGCTTCTGGTTGCTGTG	
NTCP	5'	AGCAAGATCAAGGCTCACTTCT	405
	3'	ATAGTGTGGCCTTTGGACTTC	
MTP	5'	TTCTCTGCTTCTTCTCCTCCTA	403
	3'	GGCTCGTTTTTCATAGGAGTAGA	
ApoA-I	5'	GGCAGAGACTATGTCCCAGTTTGA	564
	3'	GTCATCCAGCGCGGGTTTGGCCCTTCTC	
ApoA-II	5'	ATAGTCTGCCATCATGAAGCTG	406
	3'	GAGAAAACAGGCAGAGGTTAGG	
ApoE	5'	CCGTGCTGTTGGTCACATT	1014
	3'	TTATTAGCAAGGGCCACCA	